

**ZONTEC**

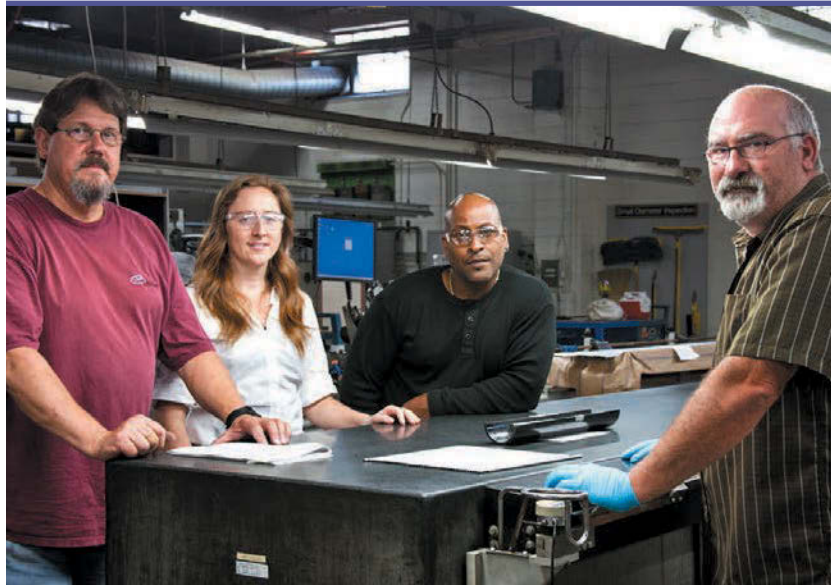


**How Synergy Software  
Benefits Your Business**



# Synergy Software is Tailored for Your Business

We are the leader in the industry offering a full suite of Statistical Process Control (SPC) software that meets the needs of companies of all sizes. Regardless if you have one facility or are a global enterprise, with Synergy you can create your database structure, utilize gage connectivity, begin collecting data through multiple collection options, instantly view real-time charts, generate reports, query data samples and take corrective actions to prevent defects. Our Synergy SPC software is designed so that each level of user has their own unique view, access, privileges, charting and reporting capabilities in the system.



*"We really appreciate the ability to analyze data while the operator is entering data at another location. The moment the data is in the system, you can graph it immediately. You can chart things in different ways. Synergy has a very user-friendly interface."*

**Whitney Ginter, Veridiam Inc.**

Synergy2000Manager - Master File 1

File Edit Data Monitor Chart Report View Window Help

Log Report Message Data Rule Name

1	2	3	4	5	6	7	8	9
20001 ID	22001 Length	22001 OD	22001 Height					
PL_0385_F_LAY1	P2_0385_F_LAY1	P3_0385_F_LAY1	P4_0385_F					
Block 30_03 Top Color	Block 30_03 Top Diameter	Block 30_03 Top Height	Block 30_03 Top					

Test file data table:

Operator	Machine	Project	Plant	Lot	Part	Spec	Actual	Unit	Time
Operator	Machine	Project	Plant	Lot	Part	Spec	Actual	Unit	Time

Bar and Pie charts showing data distribution.

Value List Values: attribute 1, attribute 2

Material: A 10 to P485-28, B 00 to P485-28

Machine: 3070-01 81, 3070-02 82

Sample 1 to 50 in 5 Min in 5:14

Scoreboard Report Card: AirAware 22001

Characteristic	Out of Spec	Total Reading	Out of Control	Total % Good	Cp	Cpk	Pp	Ppk
22001 ID	4	90	7	95.56	1.25	1.22	0.50	0.48
22001 Length	17	90	12	81.11	1.10	1.04	0.42	0.40
22001 OD	0	90	5	100.00	1.65	1.56	1.18	1.12
22001 Height	3	90	5	96.67	1.588	0.768	0.936	0.447

Automatic Certificate of Analysis Report Setup

Quality Department: \_\_\_\_\_

This certifies that the listed inspection points were verified during manufacture.

Customer: Guardian

Description: Parts 156-89

Ship Date: 7/24/2012

Lot Number: 358-G35

Shipping Destination: Chicago, IL

Certificate of Analysis Report:

Audited By: \_\_\_\_\_

ID	Operator Name	Lot #234	Query Rule
1	<input checked="" type="checkbox"/>		
2	<input type="checkbox"/>		
3	<input type="checkbox"/>		
4	<input type="checkbox"/>		
5	<input type="checkbox"/>		
6	<input type="checkbox"/>		

Date Time From: 03/29/2013 To: 03/29/2013

Most Recent Samples: 100

USL  MAX  
 NOM  MIN  
 LSL  Cp  
 Out of Spec.  Cpk  
 Total Reading  Pp  
 Process Avg  Ppk  
 Standard Deviation  Zv  
 Out of Control  Zl

OK Preview

Cancel Run and Save!

\* Report saved in User Data Location

## Realize a Rapid Return on Investment (ROI)

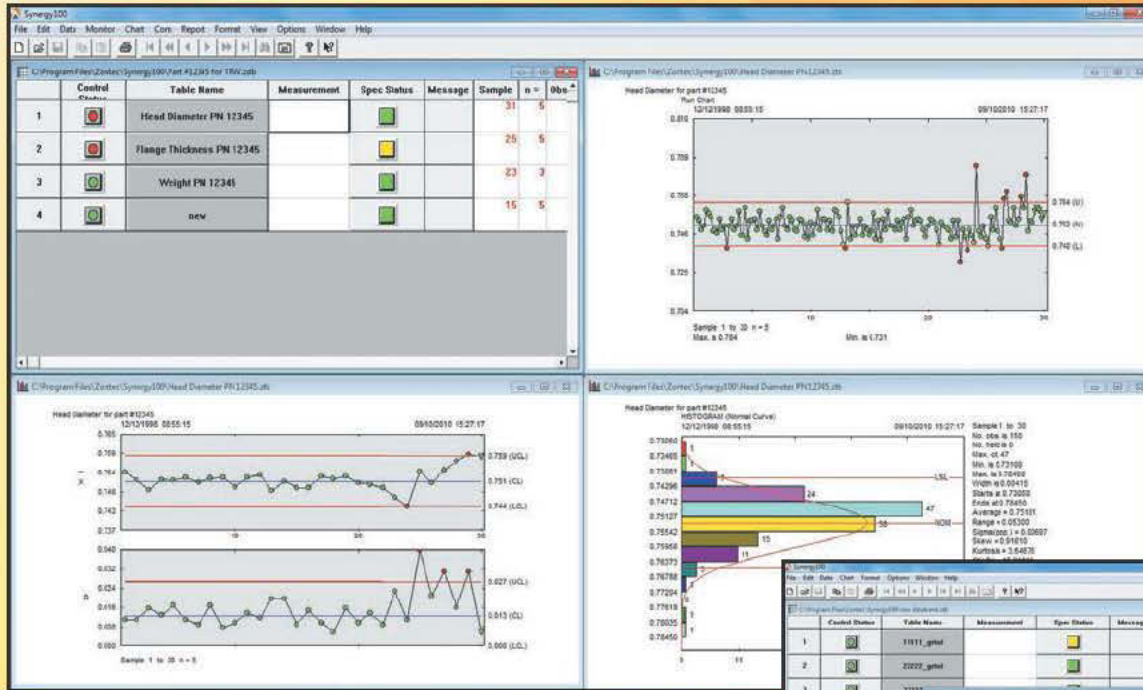
Because the Synergy products are easy-to-setup and train, implementation time is reduced. Customers routinely create Data Banks and Data Tables in minutes to build their database structure. Freed from paperwork, operators can ensure their data is error-free, prevent out-of-control conditions before they occur and focus on their production jobs. Managers can simultaneously monitor multiple processes. Engineers are able to instantly analyze the data, suggest process improvements, prevent out-of-control or out-of-specification conditions, monitor production equipment and provide SPC data and analysis to customers in the specified format.

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*“Once we implemented Synergy, we immediately saw results. For us, a process that used to take a day was reduced to an hour and ½. Synergy easily paid for itself in a couple of weeks.”*

**Bob Hayes, Foam Design**





Control Chart	Table Name	Measurement	Spec Status	Message	Sample	Obs
1	1111_gnd		Yellow		16	1
2	2222_gnd		Green		16	2
3	3333		Green		16	3
4	4444		Green		16	4
5	Flange Thk	13 Lcr 78 MURTR				0.755
6	Head Dia	14 Lcr 78 MURTR				0.754
7	Weight	15 Lcr 78 MURTR				0.755
8		16 Lcr 78 MURTR				0.748
9		17 Lcr 78 MURTR				0.765
10		18 Lcr 78 MURTR				0.745
11		19 Lcr 78 MURTR				0.744
12		20 Lcr 78 MURTR				0.755
13		21 Lcr 78 MURTR				0.755
14		22 Lcr 78 MURTR				0.753
15		23				0.754
16		24				0.745
17		25				0.744
18		26				0.748
19		27				0.744
20		28				0.752
21		29 Lcr 225 May L				0.751
22		30 Lcr 225 May L				0.755

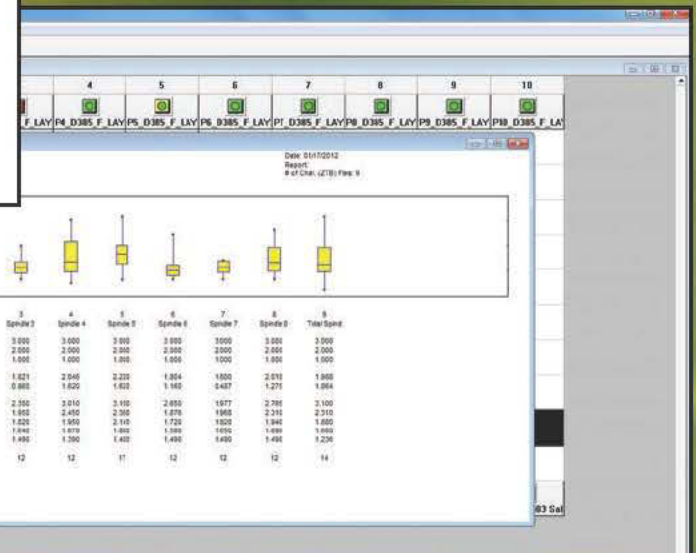
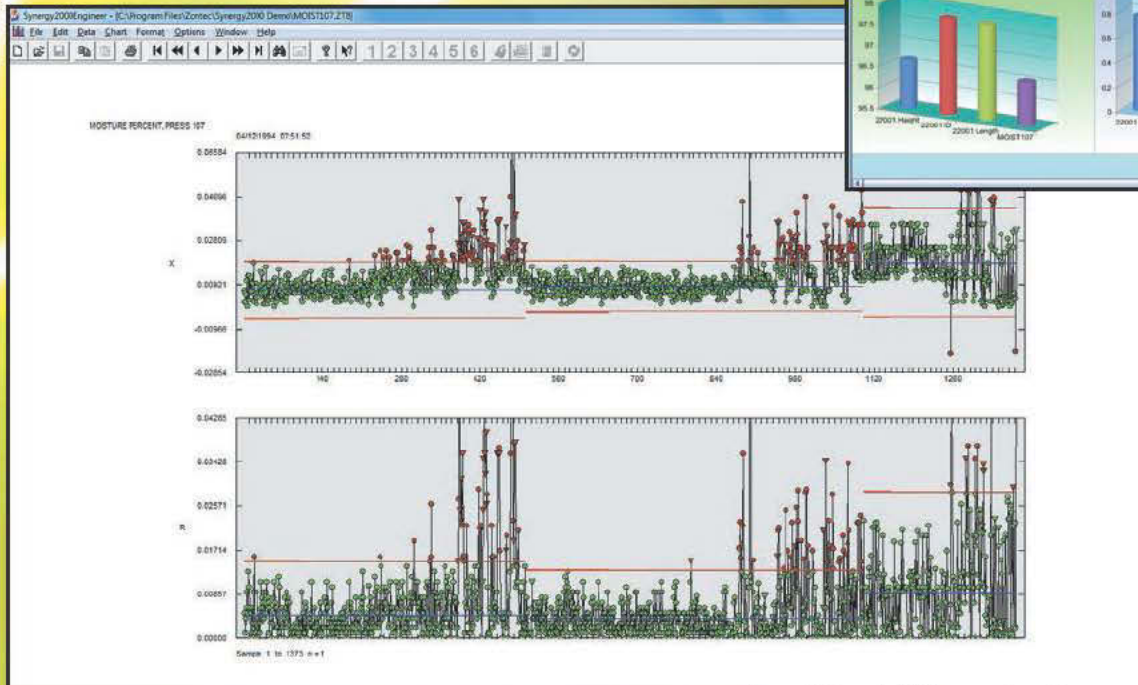


*"We selected Synergy because we can input data from multiple devices into the same database. With Synergy, we capture more data about our business. Email alerts for out-of-specification products were part of the deciding factor as well."*

***Kim Marquis, Polymerics***

## **Seamlessly Integrates Into Your Production Environment**

Synergy products seamlessly integrate with production systems such as measuring gage devices, optical comparators, Coordinate Measuring Machines (CMMs), Programmable Logic Controllers (PLCs), and Object Linking and Embedding for Process Control (OPC Server). It also integrates with systems like Enterprise Resource Planning (ERP), Laboratory Information Management Systems (LIMs), Supervisory Control and Data Acquisition (SCADA), Manufacturing Execution Systems (MES), or applications like Customer Relationship Management (CRM), Supply Chain, and others in your production environment. All the data stored in Synergy can also be exported to external packages such as Crystal Reports.



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*“When the Quality Assurance Representatives (QARs) come to inspect us, I have all the information they need prepared in packets for them. Because the data is readily available, we can provide all the documentation quickly along with the products we are shipping out.”*

**Bob Batsche, Carlisle & Finch Co.**

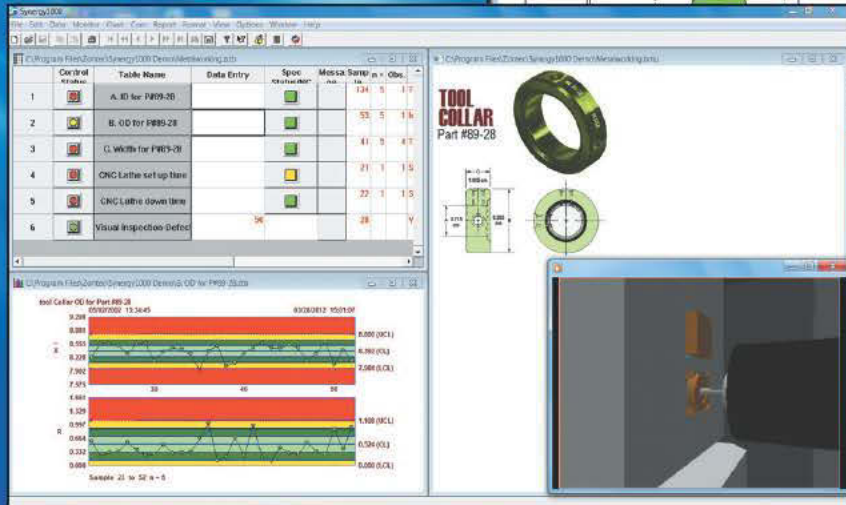


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## **Delivers Extensive Reporting for All Users**

Synergy products provide each level of user instant reports about their SPC data. All the reports can be previewed, printed, saved in PDF format or emailed directly within the program. For your managers and engineers, standard reports are customized based upon specified requirements that can include multiple charts on one page. Process Information Reports, Automatic Certificate of Analysis Reports, Scoreboard Report Card Reports and Cost of Analysis Reports provide your managers and engineers with data to compare processes and determine the costs associated with each process.





## Meets Unique Regulatory and Customer Requirements

Because all industry requirements are unique, Synergy software contains unique identifiers (IDs) that can be attached to each sample. This provides numerous data querying options that can be used for reporting. Companies regulated by the U.S. Food & Drug Administration (FDA) Title 21 Code of Federal Regulations (CFR) Part 11, use the Synergy software for compliance. Companies from various other industries with exacting regulatory and customer requirements use Synergy software to efficiently maintain compliance.



*“With Synergy, we have the data we need to meet our Automotive Industry Action Group (AIAG) and customer reporting requirements.”*

**Dan Corrigan, Halla Climate Control Canada**

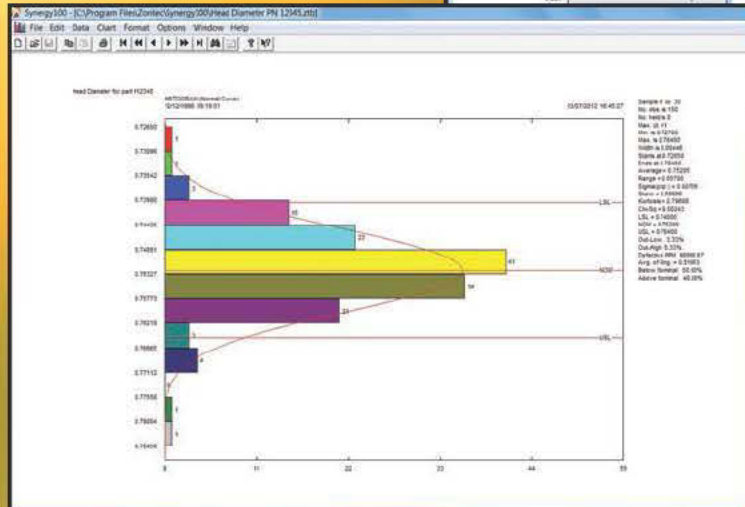
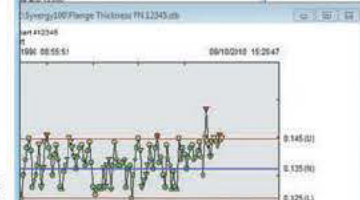
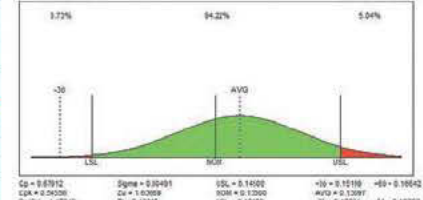
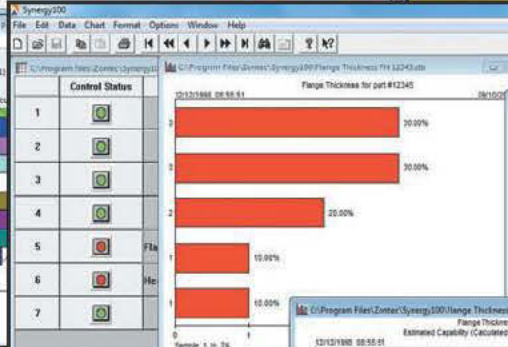
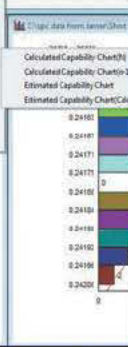
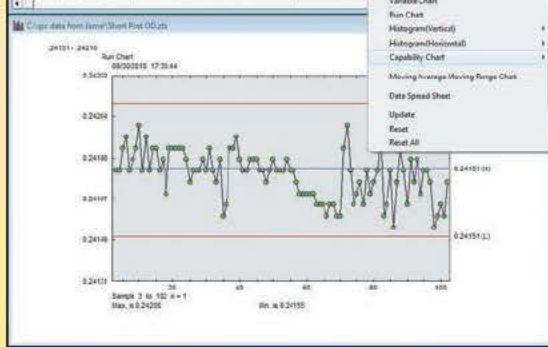
*“We are able to show our customers in real-time that their product is ‘in control’. We bring every customer to a SPC station where they can view the data live.”*

**Mike Woznicki, SPIROL International Corporation**

Synergy100

File Edit Data Monitor Chart Com Report Format View Options Window Help

Control Status	Table Name	Measurement	Spec Status	Message	Sample	n =	Obs.	Description
1	Long Post Height				93	1	1.2325	- .025
2	Long Post OD				93	1	1.24151	- 2.021
3	Long Post Radius				93	1	1.000	- .010
4	Long Post RZ				93	1	1.00	- 6.3
5	Long Post Radius				23	1	1.000	- .010
6	Flan Out				103	1	1.00	- .00070
7	Short Post Height				103	1	1.23430	- 2.090
8	Short Post OD				103	1	1.24151	- 2.0210
9	Short Post Radius				103	1	1.000	- .010
10	Short Post RZ				103	1	1.00	- 6.3
11	Yam Thickness				103	1	1.00707	- .00000



# Reduces Downtime, Scrap Rate and Rework

Using Synergy software, you have instant data to proactively react when a process is trending towards out-of-control, out-of-control or out-of-specification, even if it is at another facility or at a supplier site. With the software, you can email appropriate personnel if out-of-control or out-of-specification conditions occur. By using Synergy, users prevent defects from occurring, reduce rejects, scrap rates and production downtime. This saves on rework and increases production.

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*"If the data shows that a particular machine is trending towards being out-of-control, we take corrective action. We have reduced downtime. The Synergy 2000 software has also enabled us to reduce waste. We have reduced our scrap rate by 2%. We are now able to ensure that our production process meets our daily goals and delivers a quality product.*

**Cary Williams, Amantea Nonwovens LLC**

*"I think where Synergy has helped our company the most has been on final inspections. Since implementing Synergy we have reduced our rejects by 2/3rds."*

**Bob Batsche, Carlisle & Finch Co.**

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*“Using the data from Synergy and a lot of hard work, we have been able to reduce our PPM (Parts Per Million) from 50 to 10.”*

***Dan Corrigan, Halla Climate Control Canada***

## **Ensures Production of High Quality Products**

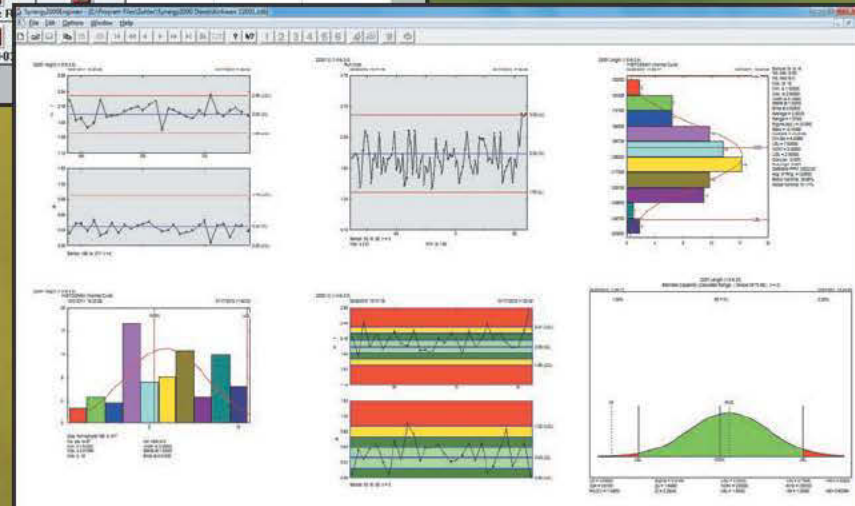
Synergy customers rely on Synergy to statistically verify that they are consistently increasing product quality while delivering products on-time to their customers. Through this continuous improvement, customers decrease defects and reduce parts inspection.

Synergy2000Manager

File Edit Data Monitor Chart Report Format View Options Window Help

C:\Program Files\Zontec\Synergy2000 Demo\All Processes.zdm

Log File	Message	Data Bank Name	1	2	3	4	5	6	7	8	9	10
1		Automotive	P1_D385_F_LAY	P2_D385_F_LAY	P3_D385_F_LAY	P4_D385_F_LAY	P5_D385_F_LAY	P6_D385_F_LAY	P7_D385_F_LAY	P8_D385_F_LAY	P9_D385_F_LAY	P10_D385_F_LAY
2		Beverage	12OZ RC Air	12OZ RC Bric	12OZ RC CO2	12OZ RC Contn	12OZ RC TA					
3		Consumer	Plate Position A	Plate Position B	Plate Position C	Plate Position D	Plate Position E	Plate Position F	Plate Position G			
4		Electronics	2GB DDR Length	2GB DDR Height	2GB DDR Width	2GB DDR Hole s	2GB Component					
5		Health Care	Hospital NOM	Patient wait time	Primary C-Section	Patient Falls	Days to mail invr					
6		Metaworking	A. ID for P#89-28	B. OD for P#89-2	C. Width for P#8	CNC Lathe set up	CNC Lathe down	Electrical system				
7		Plastic	Trigger Height	Trigger Inside Di	Trigger Width	Trigger Mold Def						
8		Packaging	Dry onions	Seasoning powd	Package net wts	Package print ali						
9		AlrAware 22001	22001 Height	22001 ID	22001 Length	22001 OD	MOIST107	T9 FLT Point Gas				
10		[S] Spindle	Spindle 1	Spindle 2	Spindle 3	Spindle 4	Spindle 5	Spindle 6	Spindle 7	Spindle 8	Total Spindle	
11		Bama Baked Cherry	Cherry Pie Froze	Cherry Pie Toppi	Cherry Pie Filling	Cherry Pie Cook	Cherry Pie Pastry	Cherry Pie F				
12		Bama Biscuit 30-03	Biscuit 30_01 To	Biscuit 30_03 To	Biscuit 30_03 To	Biscuit 30_03 To	Biscuit 30_03 To	Biscuit 30-0				



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*“Using the data from the Synergy software, we can determine if we can produce a new product using current processes before we actually produce it.”*

**Aditya Deshpande, Cumberland Plastics Solutions**

*“With Synergy, we are able to show customers at their location the exact machine that would be used to produce the new product, what tolerance the machine is currently running and the capability history of that machine. This type of information shows the customer what they need to see before moving forward. Synergy provides us that edge to win the business.”*

**Douglas Winfrey, United Gear and Assembly**

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## **Enables Customers to Develop New Products**

With SPC process capability and production data at your fingertips, you can monitor production equipment and test out new products with your existing equipment. Zontec customers have also used their data to win new business.





MS 1303

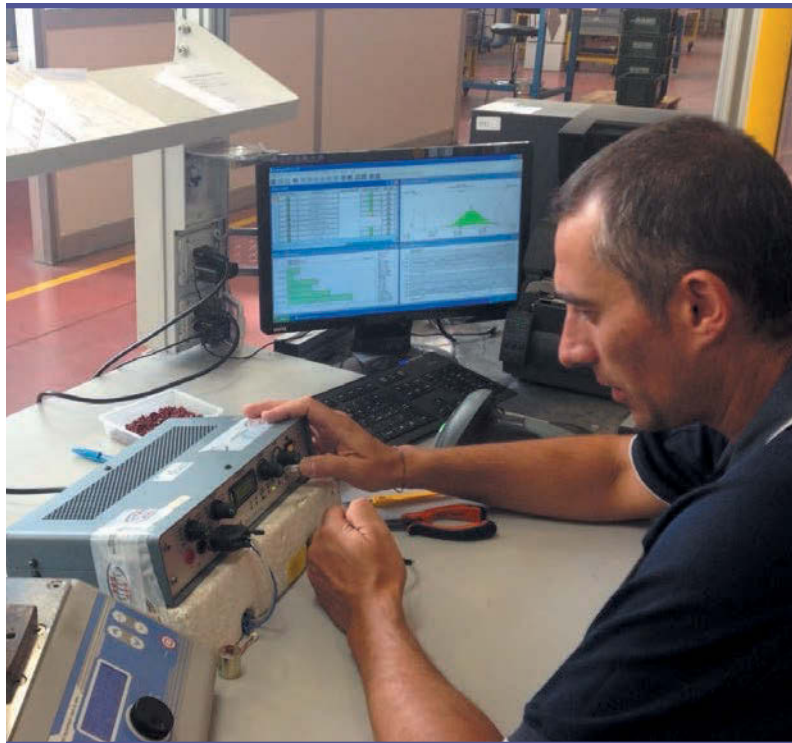
BEST PRECISION  
Quality First, Safety Always

BEST PERFORMANCE METHOD

P-55-104

## Provides a Global View Your Entire Supply Chain

Today, manufacturers use innovative technology such as cloud computing in Synergy to instantly view SPC data from anywhere in their global supply chain, including from supplier locations. With Synergy, you can prevent defects before they occur, make process improvements, verify customer requirements and analyze your business profitability.



*"Since using Synergy, we have reduced our scrap rate by 20%. We now know where we had waste in our process, realistic values to base our key performance indicators on, and how to improve our margins. We began to use Synergy Web applications with our sister companies in China and Bulgaria as well as with our main suppliers."*

**Fedele D'Alessandro, LMPsrl**

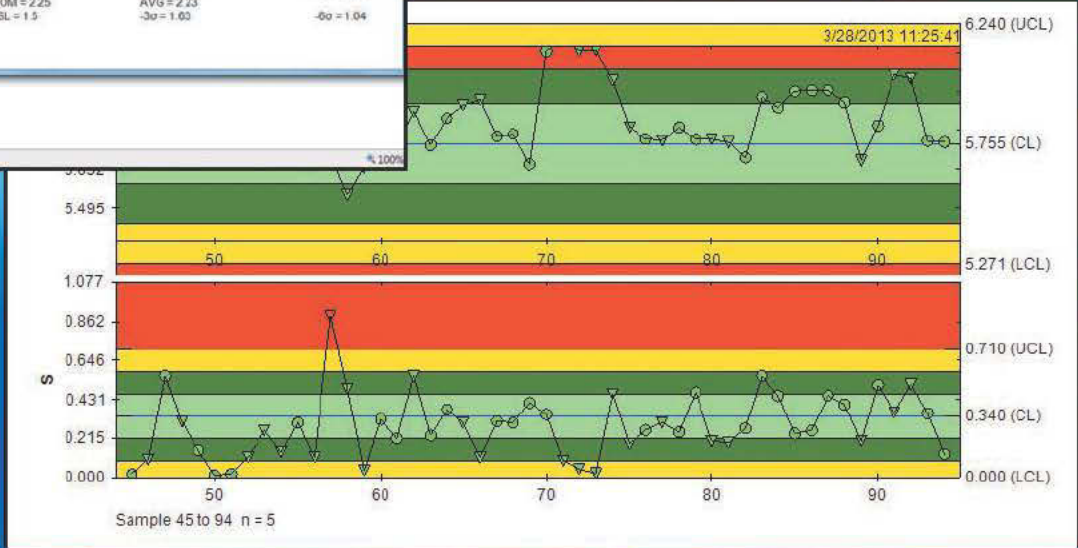
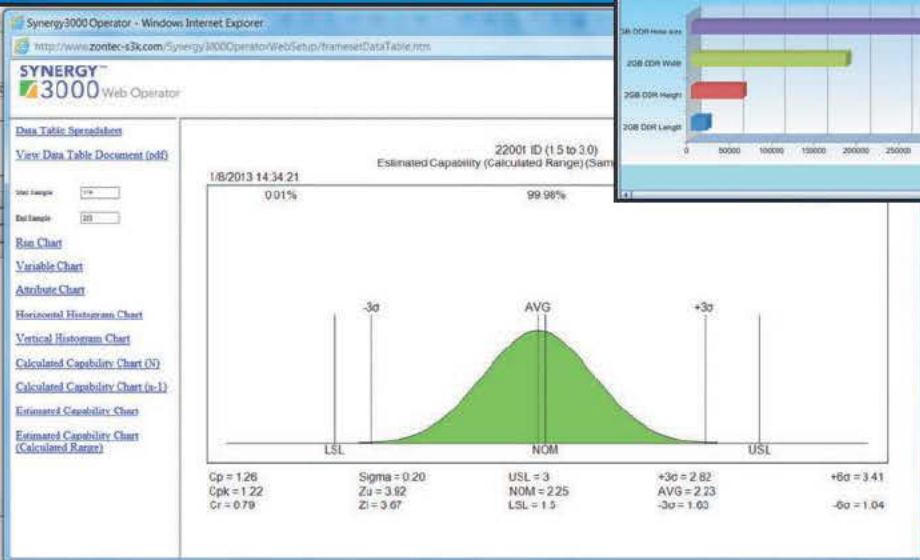


SYNERGY 3000 Web Operator

Select a Data Bank:

Update Guide Logout

Table Name	22001 ID
1	22001 ID
2	22001 Length
3	22001 OD
4	22001 Height



## Zontec Continuously Innovates Its Product Line

Highly respected for constantly integrating innovative technologies such as cloud computing into its product line, Zontec maintains an aggressive product development schedule to consistently deliver industry-leading products to its customers. Zontec software is created, tested, documented and totally supported within the company without outsourcing. If a service agreement customer decides to upgrade to the next level of the Zontec product suite, they can do so at minimal cost through our 100% Investment Retention program. They will be able to access all their previous data in the new product, minimizing production interruption.

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*"We selected Synergy because of its usability, because it was cost-effective, and because of Zontec's 100% Investment Retention program. We also liked the fact that if we decide to upgrade, all our data banks and data tables will roll right into the next generation product."*

**Brian Brooks, Domestic Fastener & Forge, Inc.**



Synergy200

File Edit Data Chart Format Options Window Help

Control Status	Table Name	Measurement	Spec Status	Message	Sample
1	11111_glad				1
2	22222_glad				16
3	33333_glad				8
4	41444_glad				9
5	Flange Thickness PN 12				25
6	Head Diameter PN 1234				38
7	Weight PN 12345				23

C:\Program Files\Zometec\Synergy200\new\_data\part.tbl

C:\Program Files\Zometec\Synergy200\new\_data\part.tbl

ID for Part No. 12345  
1.75 +/- 0.25

Length for Part No. 12345  
3.2 +/- 1.2

OD for Part No. 12345  
2.5 +/- 0.25

**5C Collet Holder Bushing**

Used to adapt all kinds of drills, reamers, counter bores and end mills to CNC machines. Adds flexibility, versatility and reduces setup time.

C:\Program Files\Zometec\Synergy200\Flange Thickness PN 12345.tbl

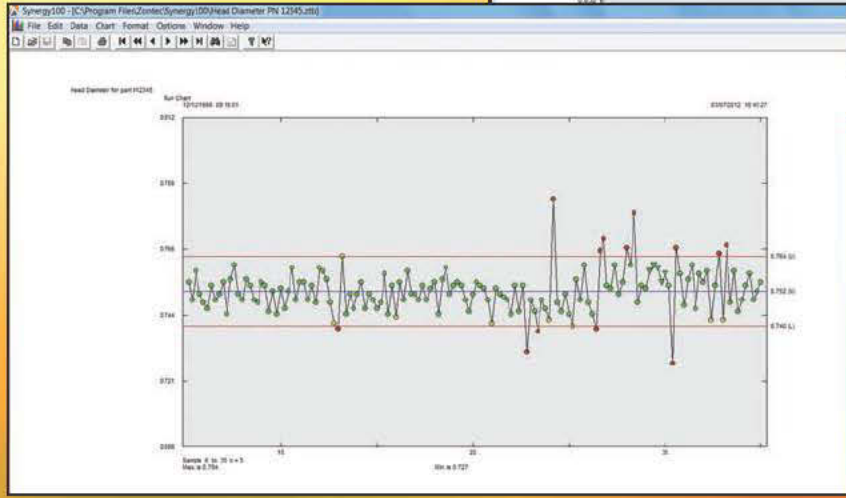
Flange Thickness for part #12345  
12/12/1998 08:55:51 09/10/2010 15:25:47

C:\Program Files\Zometec\Synergy200\Flange Thickness PN 12345.tbl

Flange Thickness for part #12345  
12/12/1998 08:55:51 09/10/2010 15:25:47

Estimated Capability (Calculated Range) 1 Sample 1 To 30 (n = 5)

$C_p = 0.87912$      $Sigma = 0.02491$      $UCL = 0.14200$      $+3\sigma = 1.15168$      $+6\sigma = 0.16642$   
 $C_{pk} = 0.36556$      $Z_u = 1.63069$      $NCU = 0.13500$      $AVG = 0.13000$   
 $Ppk(D) = 1.47248$      $Z_L = 2.43801$      $LSL = 0.12600$      $-3\sigma = 1.12234$      $-6\sigma = 0.10782$





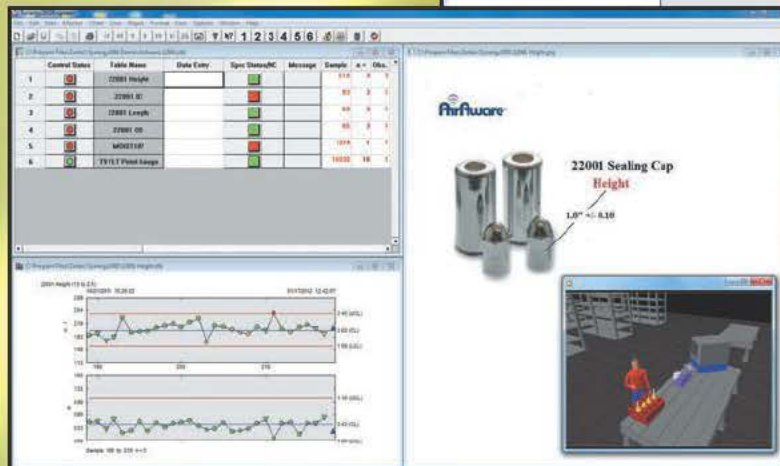
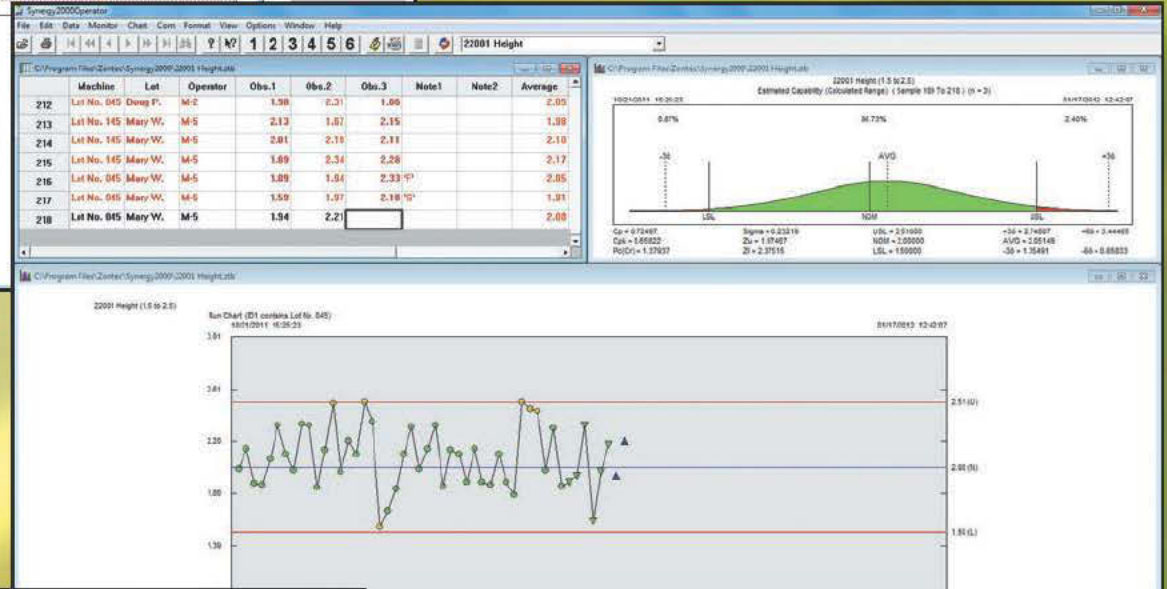
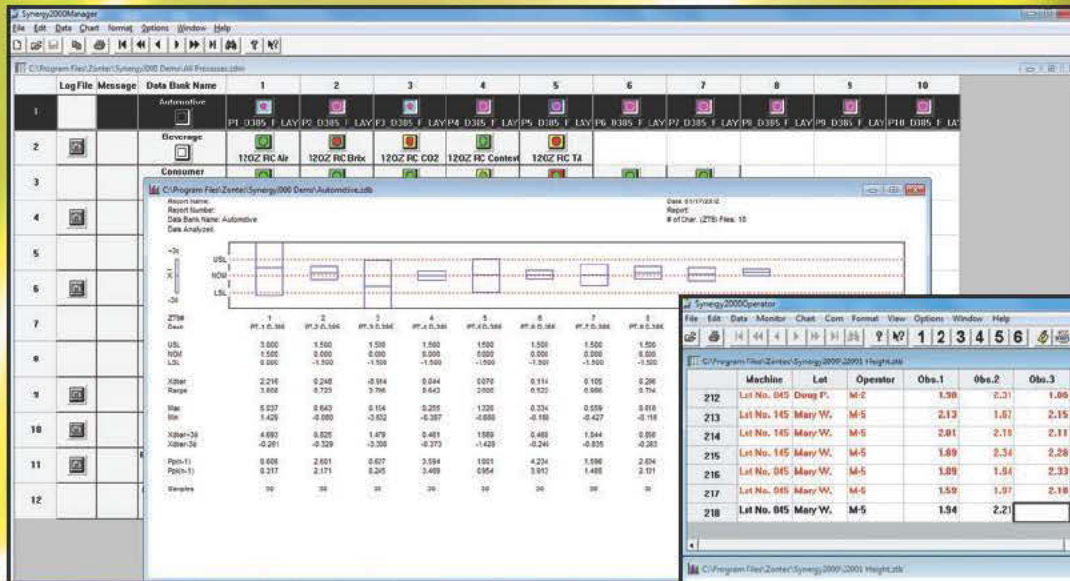
*"Zontec provides excellent service. I was really surprised how quickly my questions were answered instead of taking days like other service providers. They have extremely quick response time to help with any technical issues we may be experiencing. In dealing with many technical support groups for various software applications that we support within our company, Zontec is definitely one of the best in customer service."*

***Cristina Martinez, Stanley Black & Decker***

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## **Zontec Provides Personalized Support**

Zontec recognizes that when you have a SPC software issue, it affects your business. Any delay costs money. Zontec's technical support team has an extensive background in quality assurance, engineering, computer science and manufacturing to provide you with expert assistance in using the Synergy SPC software, as well as configuring, interfacing and networking your system.



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*“The Zontec product suite was built so that companies of all sizes could use SPC data to improve production. Over the years, we have consistently kept our commitment to continuously improve our product line. We believe that innovative, real-time SPC software empowers our customers to be more competitive in the marketplace.*

***Warren Ha, Zontec, Inc.***



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## **Zontec's Track Record Ensures Customers' Success**

Since 1983, Zontec has been providing SPC software to industry-leading companies across the globe. Zontec is recognized in the industry for consistently integrating new enhancements and technologies into its product suite. Zontec's products help businesses address quality issues, strive for long-term continuous improvement and maximize profitability. Zontec software has been adopted worldwide by more than 5,000 companies, spanning virtually every industrial category.





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